Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 16 Sep 2021 until 23:59 on Friday 17 Sep 2021

Forecast Issued on Thursday 16 Sep 2021 at 03:16

Confidence: High for warm and largely dry weather over the next couple of days. There is significant uncertainty in the development of any rainfall through Friday night and on Saturday.

Headline for Thursday 16 Sep 2021: A dull start will give way to warm sunshine.

Mountain weather hazards on Thursday 16 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Sunny	Clear night	Clear night
Precipitation probability					
20%	<05%	<05%	00%	00%	00%

Forecast for Thursday 16 Sep 2021

Weather: Early morning low cloud, mist and fog soon clearing. Long spells of sunshine follow through the day, with clear skies into the evening.

Chance of cloud free mountain/hill tops above 600m: 10% at best initially, improving to near 100% by midday.

Visibility: A dull, damp start in the hills as cloud shrouds slopes above around 400m and brings spells of drizzle. Widely limited to a few hundred meters above the cloud base. Cloud clearing eastwards during the morning leaving excellent visibility.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 16 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 W	11/14 W	12/16 W	12/17 W	8/12 SW	9/13 SW	9/15 S
300	4/12 W	6/11 W	9/15 W	8/15 W	2/9 W	1/7 S	2/9 S
Valley	2/8 W	4/8 W	8/14 SW	8/14 SW	2/8 SW	1/6 E	2/9 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/9	13/10	13/11	12/10	11/9	11/9
300	12/12	14/14	16/15	16/15	13/13	10/10	11/10
Valley	13/13	15/15	17/16	17/16	15/15	12/12	12/12
Freezing Level*	2600m	2800m	2800m	2700m	2500m	2600m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fine conditions on the hills with warm sunshine developing.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 16 Sep 2021	0.4mm	1mm	1.4mm

Forecast for Friday 17 Sep 2021

Weather: Dry with hazy sunshine through morning and a few patches of low level cloud, mainly in the south. These will lift as southerly winds freshen through the day but it will still feel warm in shelter. Cloud will thicken through afternoon, but likely staying dry.

Maximum wind: South 20-25mph, easing through evening.

Chance of cloud free mountain/hill tops above 600m: 95%, falling 70% through evening.

Visibility: Patches of cloud above 400m possible through morning but these should be few and far between. Very good visibility expected with some far reaching views on offer. A few patches of cloud above 500m may develop across southern slopes through evening.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 18 Celsius.
At 600m: Plus 12 Celsius
Freezing level: Well above summits.

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